



GRADE 2 / WATCH MR DJ SOLVE

HALVES, THIRDS AND FOURTHS

Start with the same example used in the lesson slides.



WATCH MR DJ SOLVE

Divide a rectangle into 2 equal shares. Name one share.

- 1 Start with one whole rectangle.
- 2 Make 2 equal-size shares.
- 3 Each share is a half.

Answer: a half



REMEMBER partition circles and rectangles into equal halves, thirds and fourths.

Read each step and explain why it is valid. The next pages demonstrate the methods in more detail. Then use the large work areas on the numbered practice pages.



GRADE 2 / WORKED METHODS

HALVES, THIRDS AND FOURTHS

Read a complete example before trying the matching method.

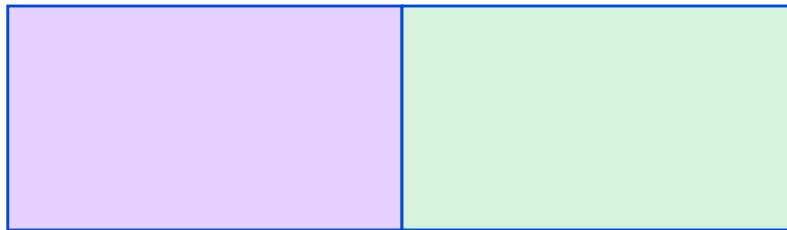


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Two equal shares

Two halves make one whole

1. Start with one whole rectangle.
2. Split it into two equal shares.
3. Each share is a half.



2 equal halves make one whole



GRADE 2 / WORKED METHODS

HALVES, THIRDS AND FOURTHS

Read a complete example before trying the matching method.

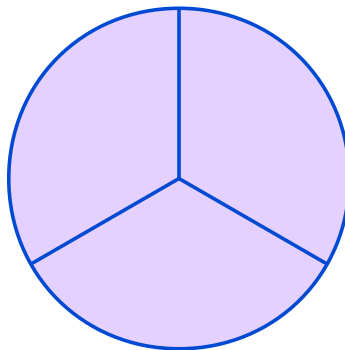


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Three equal shares

Three thirds make one whole

1. Start with one whole circle.
2. Make three equal shares.
3. Each share is a third.



3 equal thirds make one whole



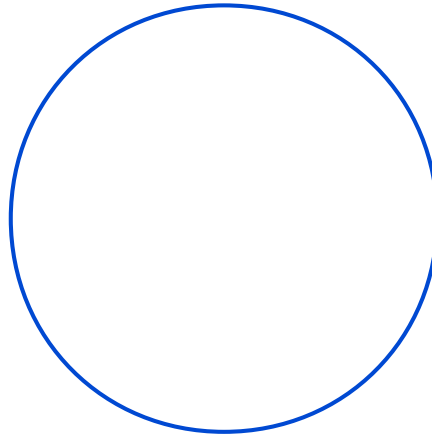
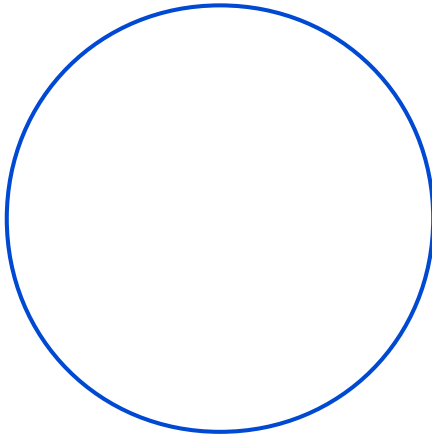
GRADE 2 / MATHEMATICAL WORK TOOL

HALVES, THIRDS AND FOURTHS

Draw, label and explain.



Define one whole. Partition each whole into equal halves, thirds or fourths as the problem asks. Fold paper to check equal shares.





GRADE 2 / PRACTICE

HALVES, THIRDS AND FOURTHS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

◀ Mild

1. Divide a circle into 2 equal shares. Name the shares.

Grid area for working out the problem.

My answer / conclusion: _____



Date _____

HALVES, THIRDS AND FOURTHS

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

2. How many halves make one whole?

My answer / conclusion: _____



GRADE 2 / PRACTICE

HALVES, THIRDS AND FOURTHS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

◀ Medium

3. Shade one of 2 equal shares of a rectangle. Say what you shaded.

My answer / conclusion: _____



GRADE 2 / PRACTICE

HALVES, THIRDS AND FOURTHS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

◀◀ Medium

4. Draw two identical rectangles. Partition each into 2 equal shares in a different way.

My answer / conclusion: _____



Date _____

HALVES, THIRDS AND FOURTHS

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

◀ Medium 5. A whole is made of 2 equal pieces. One piece is missing. How many pieces are left?



GRADE 2 / PRACTICE

HALVES, THIRDS AND FOURTHS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

🔥🔥🔥 Spicy

6. Digit makes 2 unequal pieces and calls them halves. What must be fixed?

Grid area for working out the answer.

My answer / conclusion: _____



Date _____

HALVES, THIRDS AND FOURTHS

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

7. If you rotate a rectangle with 2 equal shares, do the share names change?

My answer / conclusion: _____



GRADE 2 / PRACTICE

HALVES, THIRDS AND FOURTHS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

🔥🔥🔥 Extra Spicy

8. Can a share of one of two identical rectangles have a different shape from a share of the other, even when both have 2 equal shares? Explain.

Grid area for student response.

My answer / conclusion: _____